FIG. 1

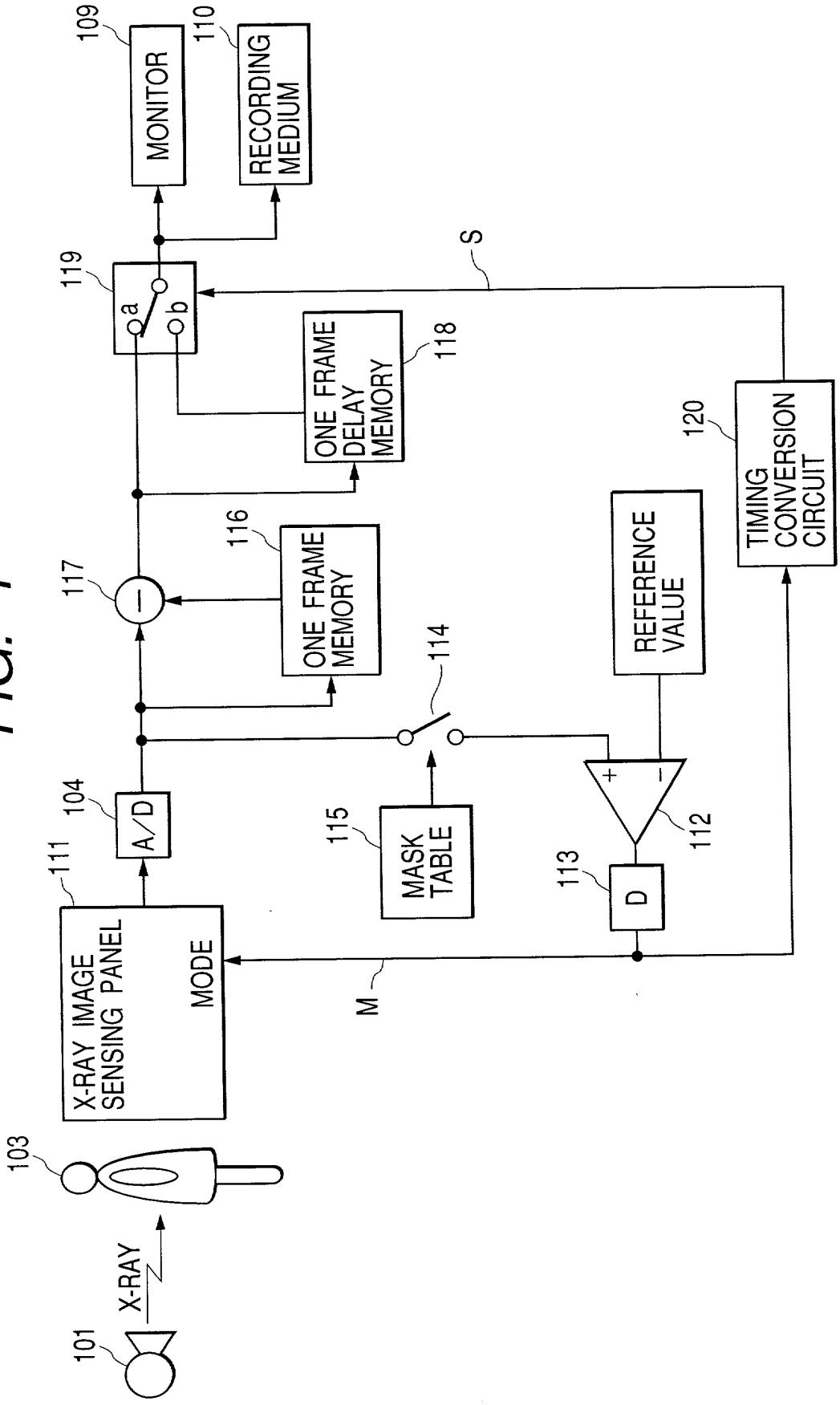
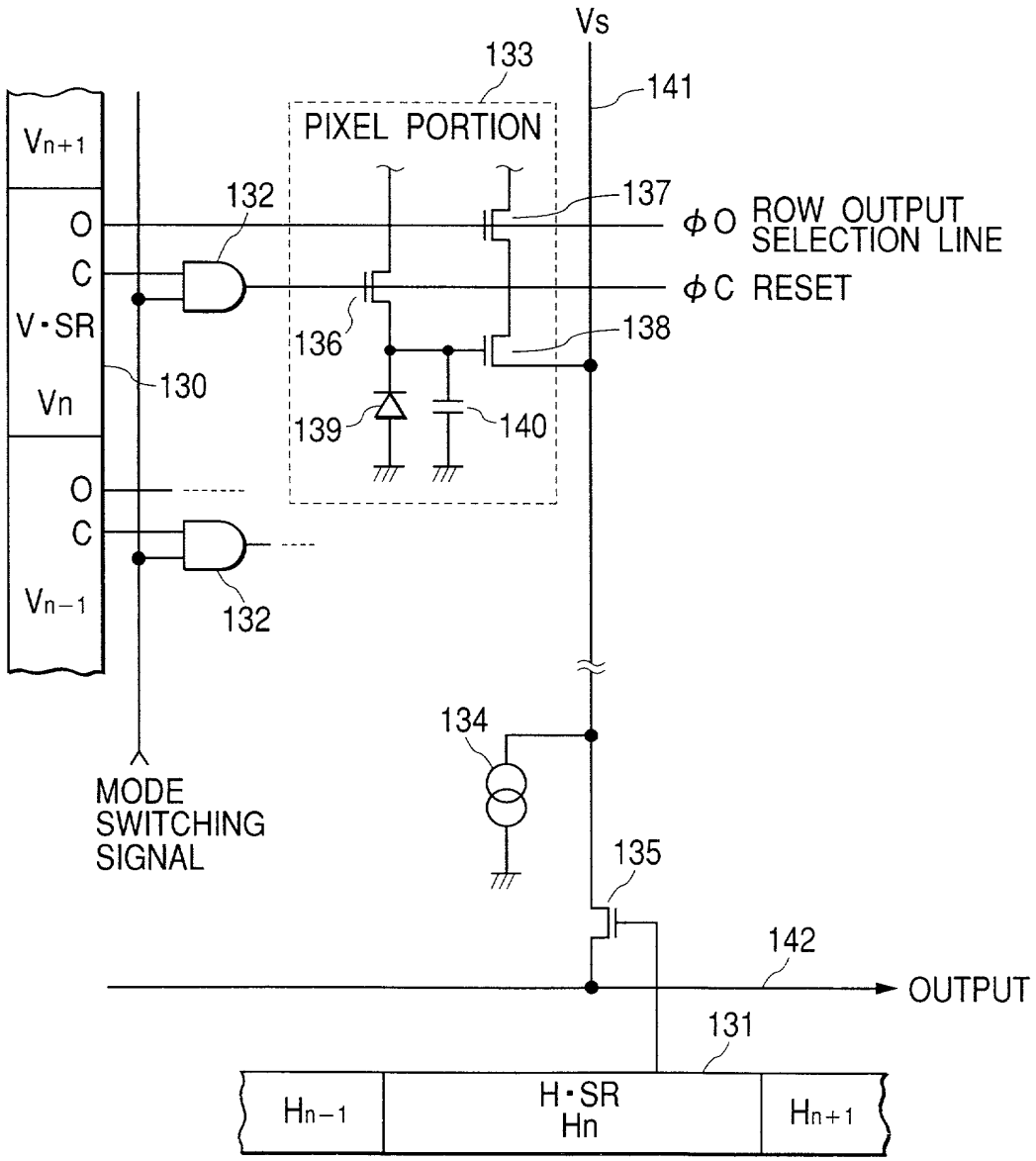

101
X-RAY
103
X-RAY IMAGE SENSING PANEL
MODE
111
104
A/D
M
115
MASK TABLE
114
117
116
ONE FRAME MEMORY
ONE FRAME DELAY MEMORY
118
119
a
b
109
MONITOR
110
RECORDING MEDIUM
S
120
TIMING CONVERSION CIRCUIT
REFERENCE VALUE
112
113
D

FIG. 2


Vs
133
141
PIXEL PORTION
Vn+1
O
C
V·SR
Vn
O
C
Vn−1
132
132
130
136
137
138
139
140
φO ROW OUTPUT SELECTION LINE
φC RESET
MODE SWITCHING SIGNAL
134
135
142
OUTPUT
131
Hn−1
H·SR Hn
Hn+1

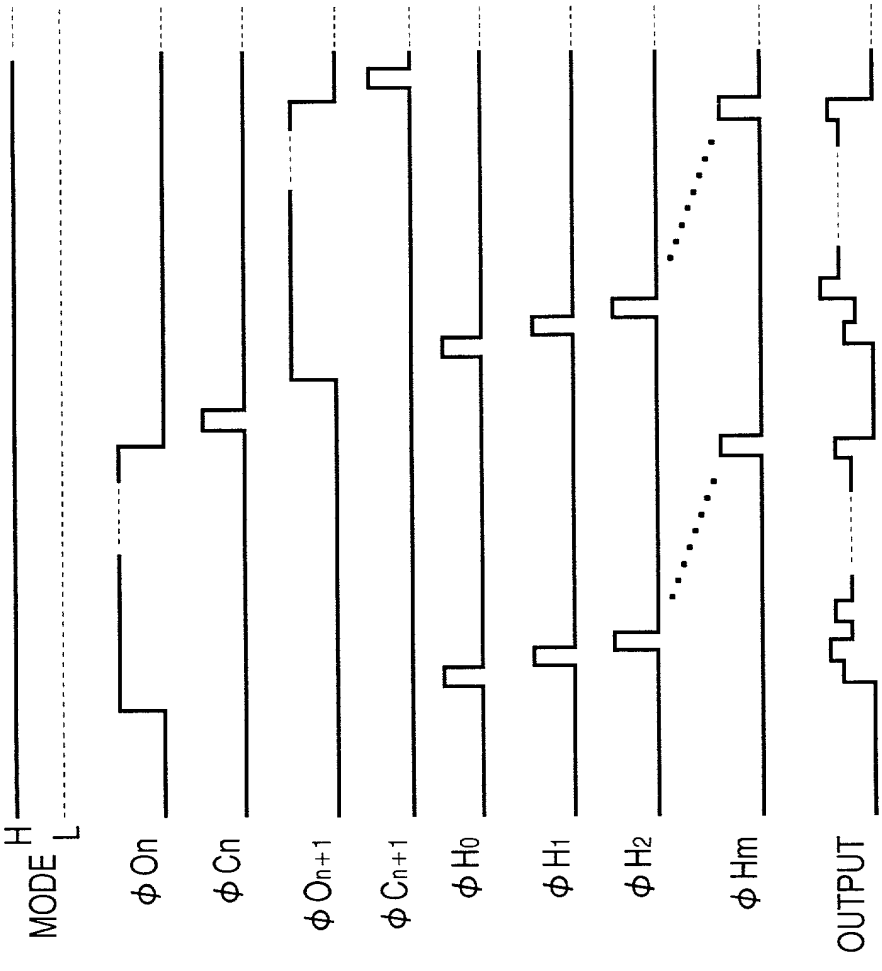


FIG. 3A
FIG. 3B
FIG. 3C
FIG. 3D
FIG. 3E
FIG. 3F
FIG. 3G
FIG. 3H
FIG. 3I
FIG. 3J

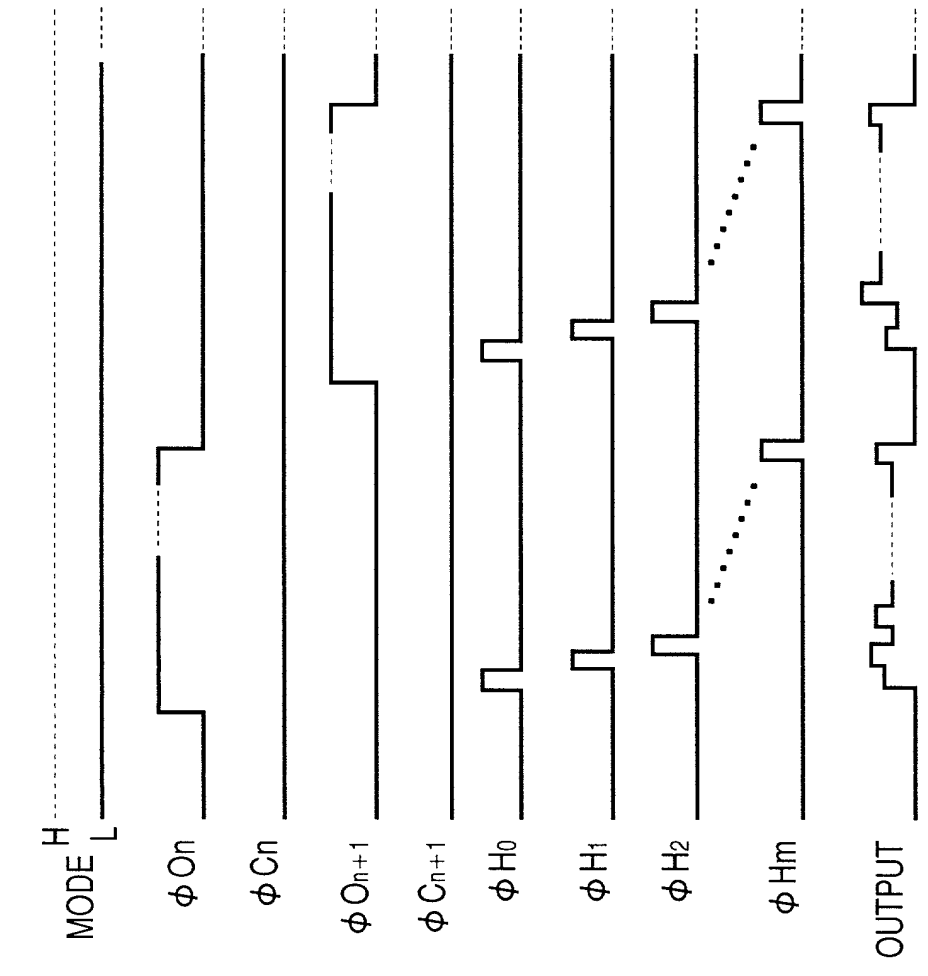


FIG. 4A

FIG. 4B

FIG. 4C

FIG. 4D

FIG. 4E

FIG. 4F

FIG. 4G

FIG. 4H

FIG. 4I

FIG. 4J

FIG. 5A

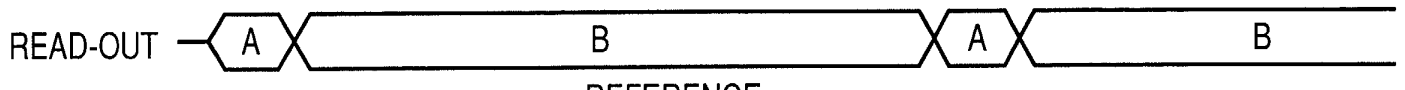


FIG. 5B

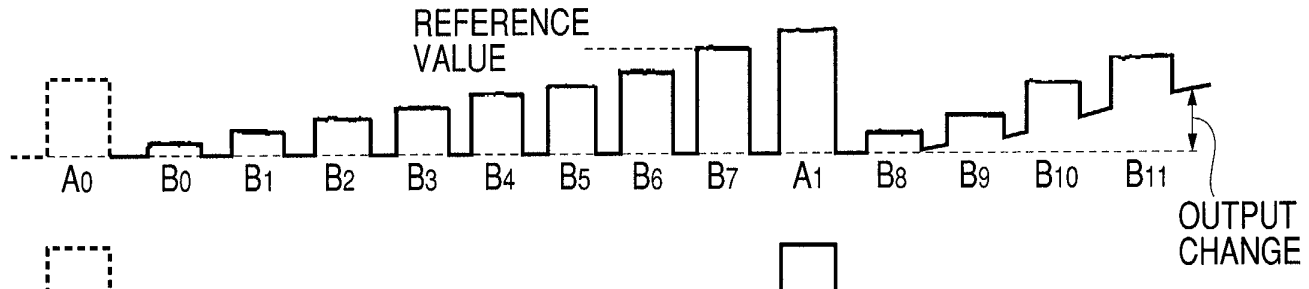


FIG. 5C

FIG. 5D

FIG. 5E

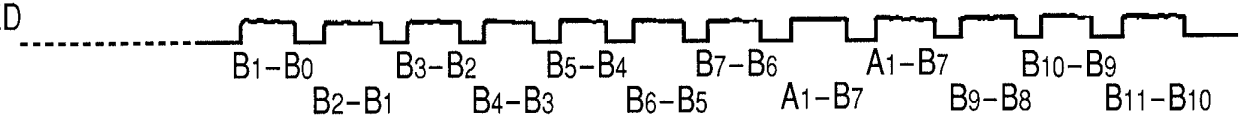


FIG. 6

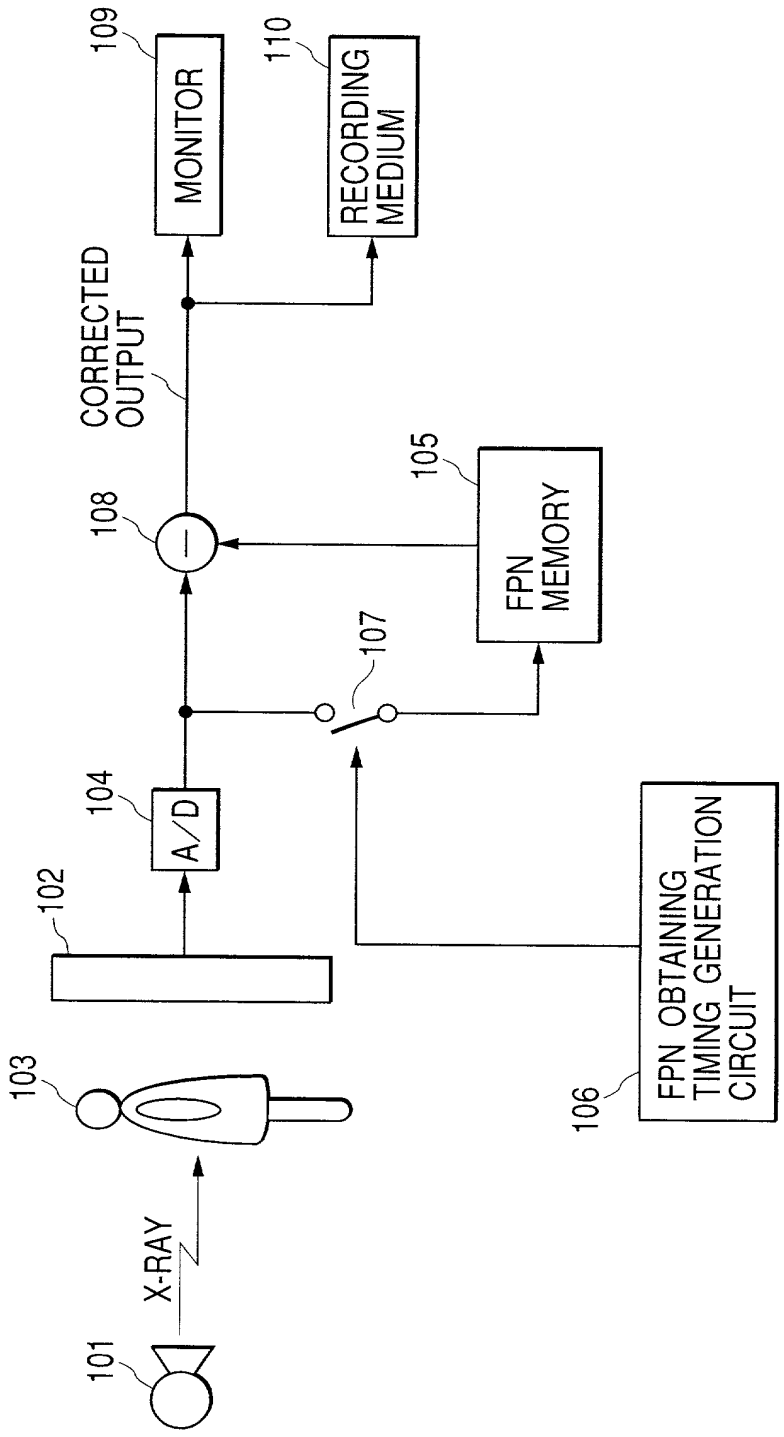

101
X-RAY
103
102
104
A/D
108
CORRECTED OUTPUT
109
MONITOR
110
RECORDING MEDIUM
105
FPN MEMORY
107
106
FPN OBTAINING TIMING GENERATION CIRCUIT

FIG. 7A

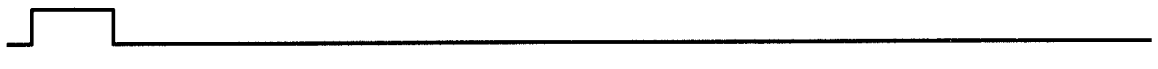


FIG. 7B

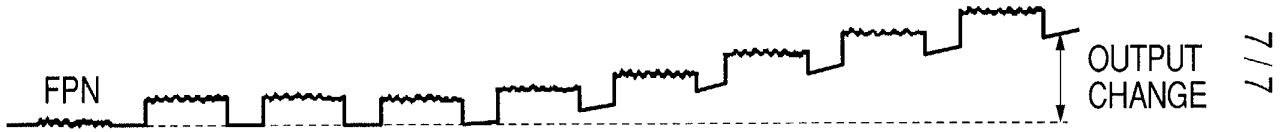


FIG. 7C